



UTILITY PATENT APPLICATION TRANSMITTAL (Large Entity)

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Docket No. 49304(840)

Total Pages in this Submission 66

TO THE ASSISTANT COMMISSIONER FOR PATENTS

Box Patent Application Washington, D.C. 20231

	wasnington, D.C. 20231
Transmitted h invention entit	erewith for filing under 35 U.S.C. 111(a) and 37 C.F.R. 1.53(b) is a new utility patent application for an led:
	FECT DETECTOR FOR SOLID-STATE IMAGING DEVICE
and invented I	oy:
	G ZHANG, NOBORU KUBO
If a CONTINU	JATION APPLICATION, check appropriate box and supply the requisite information:
☐ Continu Which is a:	ation Divisional Continuation-in-part (CIP) of prior application No.:
☐ Continu Which is a:	ation Divisional Continuation-in-part (CIP) of prior application No.:
□ Continu	ation Divisional Continuation-in-part (CIP) of prior application No.:
Enclosed are	
	Application Elements
1. 🔲 Fi	ling fee as calculated and transmitted as described below
2. 🛛 S	pecification having 61 Pages w/Cover Sheet pages and including the following:
a. ⊠	Descriptive Title of the Invention
b. 🗆	Cross References to Related Applications (if applicable)
с. 🗆	Statement Regarding Federally-sponsored Research/Development (if applicable)
d. 🗆	Reference to Microfiche Appendix (if applicable)
e. 🛭	Background of the Invention
f. 🛚	Brief Summary of the Invention
g. 🛛	Brief Description of the Drawings (if drawings filed)
h. 🛚	Detailed Description
i. 🛭	Claim(s) as Classified Below
j. 🛭	Abstract of the Disclosure

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	Application Elements (Continued)							
3.	\boxtimes	Drawing(s) (when necessary as prescribed by 35 USC 113)						
	a.	□ Formal Number of Sheets						
	b.	☐ Informal Number of Sheets						
4.		Oath or Declaration						
	a.	☐ Newly executed (original or copy) ☐ Unexecuted						
	b.	☐ Copy from a prior application (37 CFR 1.63(d)) (for continuation/divisional application only)						
	C.	☐ With Power of Attorney ☐ Without Power of Attorney						
	d.	DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 C.F.R. 1.63(d)(2) and 1.33(b).						
5.		Incorporation By Reference (usable if Box 4b is checked) The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby incorporated by reference therein.						
, 6.		Computer Program in Microfiche (Appendix)						
7.		Nucleotide and/or Amino Acid Sequence Submission (if applicable, all must be included)						
	a.	☐ Paper Copy						
	b.	☐ Computer Readable Copy (identical to computer copy)						
	C.	Statement Verifying Identical Paper and Computer Readable Copy						
	Accompanying Application Parts							
8.		Assignment Papers (cover sheet & document(s))						
9.		37 CFR 3.73(B) Statement (when there is an assignee)						
10.		English Translation Document (if applicable)						
11.		Information Disclosure Statement/PTO-1449						
12.		Preliminary Amendment						
13.	×	Acknowledgment postcard						
14.	×	Certificate of Mailing						
		☐ First Class ☒ Express Mail (Specify Label No.): EL208754705US						



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Accompanying	Application	Parts ((Continued)
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15.	×	Certified Copy of Priority Document(s) (if foreign priority is claimed) Certified Copy of Japanese Patent Application No. 10-254428, Filed 9/8/98							
16.		Additional Enclosures (please identify below):							
	Fee Calculation and Transmittal								
				CLAIMS A	S FILED				
	For		#Filed	#Allowed	#Extra		Rate		Fee
Total (Clain	ns	17	- 20 =	О	x	\$18.00		\$0.00
Indep.	ndep. Claims 2 - 3 = 0 x \$78.00					\$0.00			
Multip	le De	ependent C	Claims (check i	f applicable)	<u> </u>				\$0.00
						_		BASIC FEE	\$760.00
ОТНЕ	ER F	EE (specify	y purpose)						
							TOTAL	FILING FEE	\$760.00
☐ Th	ne Cos des	cribed belo Charge th Credit any Charge an Charge th pursuant	er is hereby auth w. A duplicate the amount of y overpayment. my additional filith the issue fee set to 37 C.F.R. 1.3	norized to charge a copy of this sheet as ng fees required u in 37 C.F.R. 1.18	is enclosed is filing fee. Inder 37 C.F. at the mailing the control of the contr	F.R. 1.16	and 1.17. Notice of All	pwance Signature	
Dated: September 8, 1999 cc:				Ro Di 13 Bo	David G. Conlin Reg. No. 27026 Dike, Bronstein, Roberts & Cushman, LP 130 Water Street Boston, MA 02109 617-523-3400				







CERTIFICATE OF I	MAIL" (37 CFR 1.10)	Docket No. 49304(840)						
Serial No. Not Yet Assigned	Filing Date Filed Herewith	Examiner Not Yet Assigned	Group Art Unit Not Yet Assigned					
Invention: PIXEL DEFECT DETECTOR FOR SOLID-STATE IMAGING DEVICE								
I hereby certify that thi	s <u>UTILITY PATENT APPLIC</u>	ATION (Identify type of correspondence)						
is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 in an envelope addressed to: The Assistant Commissioner for Patents, Washington, D.C. 20231 on September 8, 1999 (Date)								
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